Nathalie Stroeymeyt

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ResearcherID H-2371-2013
https://scholar.google.ch/citations?user=xvCNiKoAAAAJ&hl=en

French; Born 21.03.1984

Education

Nov 2010 **PhD** in Neuroethology and Cognition
University of Bristol, UK, and **University of Toulouse**, France (co-direction)
Advisors: Prof. Nigel R. Franks and Prof. Martin Giurfa

June 2007 **Master** in Ecology, Biodiversity and Evolution. Ranked 1st in the Master's Program.
Ecole Normale Supérieure, Paris, France
Advisors: Prof. Patrizia d'Ettorre, **University of Copenhagen**, Denmark
Prof. Jürgen Heinze, **University of Regensburg**, Germany

July 2006 **'Agrégation'** in Biology, Geology and Astronomy, France. National rank: 2nd
(Advanced teaching degree obtained through a national selective examination)

June 2004 **BSc** in Biology with first-class honours
Ecole Normale Supérieure, Paris, France

July 2003 Entrance examination to the **Superior Agronomic Schools**, France. National rank: 1st
Entrance examination to the **Ecoles Normales Supérieures**, France. National ranks: 3d & 4th

2001-2003 **Classes Préparatoires** aux Grandes Ecoles, section BCPST, Lille, France.
(Intensive high-level education in Biology, Chemistry, Physics, Mathematics and Geology to prepare for selective entrance examinations to French Higher Schools)

Employment history

Since Sep 2019 **Senior Lecturer**
University of Bristol, UK, School of Biological Sciences
Research topic*: Disease transmission dynamics and immune investment in insect societies*

April -Aug 2019 **Assistant Professor**
University of Fribourg, Switzerland, Department of Biology
Research topic*: Disease transmission dynamics and immune investment in insect societies*

Jan-Dec 2018 **Scientific collaborator**
Ecole Polytechnique Fédérale de Lausanne, Switzerland, Laboratory of Intelligent Systems
Research topic: *Social networks and complex transmission processes in ants*
Advisor: Prof. Laurent Keller

Dec 2015-Dec 2017 **Senior Swiss National Science Foundation (SNSF) Researcher**
University of Lausanne, Switzerland, Department of Ecology and Evolution (DEE)
Research topic: *Individual and collective behaviour in social insects*
Advisor: Prof. Laurent Keller

Dec 2010-Nov 2015 **Post-doctoral research assistant**
University of Lausanne, Switzerland, DEE
Research topic: *Collective behaviour and social organisation in social insects*
Advisor: Prof. Laurent Keller

Periods of extended leave

2021 1st **maternity leave** (7 months) 2023-2024 2nd **maternity leave** (7 months)

Research funding and awards (>EUR 3.5M)

As PI:

2025	Royal Society Research Grant	**GBP 30k**
2024	Returning Carer Scheme (University of Bristol)	**GBP 10k**
2023	Liv Sidse Jansen Memorial Foundation Award (University of Bristol)	**GBP 6k**
2022	International Partnership Funding 2022 (BBSRC)	**GBP 26k**
2019	Eccellenza Professorial Fellowship (Swiss National Science Foundation)	**CHF 1.86M**
2019	ERC Starting Grant (European Research Council)	**EUR 1.5M**

As student:

2009	Travel fund PRES 'Université de Toulouse', France	**EUR 800**
2008	Lavoisier Excellence Grant, University of Toulouse, France	**EUR 2k**
2007	Allocation Moniteur Normalien (PhD stipend), French Ministry of Higher Education and Research, France	**EUR 59k**

Scientific Publications (h-index 15; 1121 citations)

* indicates equal contribution; ǂ indicates corresponding author

2024 **BMC Biology** 22(1): 288 (5-year IF (5y IF) 5.4; doi)
Richardson TO, Kay T, Keller L, Stroeymeyt N.
Pheromone relay networks in the honeybee: messenger workers distribute the queen's fertility signal throughout the hive.

2024 **Nature Communications** 15(1): 926 (5y IF 16.1, 1 citation; doi)
Masson F, Brown RL, Vizueta J, Irvine TCT, Xiong Z, Romiguier J, Stroeymeyt Nǂ.
Pathogen-specific social immunity is associated with erosion of individual immune function in an ant.

2024 **bioRxiv** 2024.08.30.610481 – in review with Science (doi)
Leckie L, Andon MS, Bruce K, Stroeymeyt N
Architectural Immunity: ants alter their nest networks to fight epidemics.
Altmetric score: 86 (**top 5%** of all outputs scored)

2024 **Proceedings of the Royal Society B** 291: 20240898 (5y IF 4.7, 4 citations; doi)
Kay T, Motes-Rodrigo A, Royston A, Richardson TO, Stroeymeyt N, Keller L.
Ant social network structure is highly conserved across species.

2024 **Methods in Ecology and Evolution** 15(1): 117-129 (5y IF 8.9, 2 citations; doi)
Rüegg M, Motes-Rodrigo A, Tuleu A, Stroeymeyt N, Richardson TO, Sakar MS, Keller L.
Precise tactile stimulation of worker ants by a robotic manipulator reveals that individual responses are density- and context-dependent.

2023 **bioRxiv** 2023.07.31.551355 (2 citations; doi)
Schläppi D, Al-Hashemi A, Wasif V, Masson F, Stroeymeyt N.
Synergistic effects of the insecticide flupyradifurone and the entomopathogen Metarhizium brunneum in ants.

2022 **Nature Communications** 13: 6985 (5y IF 16.1, 15 citations; doi)
Richardson TO*, Stroeymeyt N*ǂ, Crespi A, Keller Lǂ.
Two simple movement mechanisms for spatial division of labour in social insects.

2021 **Myrmecological News** 31: 181-184 (5y IF 3.0, 16 citations; doi)
Schläppi Dǂ, Stroeymeyt N, Neumann P.
Unintentional effects of neonicotinoids on ants (Hymenoptera: Formicidae).

2021 **Communications Biology** 4(1): 535 (5y IF 5.6, 14 citations; doi)
Richardson TO ǂ, Coti A, Stroeymeyt N* ǂ, Keller L*.
Leadership – not followership – determines performance in ant teams.

2021 **Science** 371(6533): eabc8881 (5y IF 50.3, 159 citations; doi)
Stockmaier S, Stroeymeyt N, Shattuck EC, Hawley DM, Meyers LA, Bolnick DI
Infectious diseases and social distancing in nature. Altmetric score: 399 (**top 0.3%**)

2018 **Science** 362(6417): 941-945 (5y IF 50.3, 302 citations; doi)
Stroeymeyt Nǂ, Grasse AV, Crespi A, Mersch DP, Cremer Sǂ, Keller Lǂ.

Social network plasticity decreases disease transmission in a eusocial insect.
Altmetric score: 1570 (**top 0.03%**)

2017 **Proceedings of the Royal Society B** 284:20170269 (5y IF 4.7, 20 citations; doi)
Stroeymeyt N‡, Joye P, Keller L.
Polydomy enhances foraging performance in ant colonies.

2017 **Plos Computational Biology** 13:e1005527 (5y IF 4.3, 29 citations; doi)
Richardson TO‡, Liechti J*, Stroeymeyt N*, Bonhoeffer S, Keller L.
Short-term activity cycles impede information transmission in ant colonies.

2017 **Scientific Reports** 7:43607 (5y IF 4.3, 21 citations; doi)
Stroeymeyt N, Giurfa M, Franks NR.
Information certainty determines social or private information use in ants.

2014 **Current Opinion in Insect Science** 5:1-15 (5y IF 6.2, 141 citations; doi)
Stroeymeyt N, Casillas-Pérez B, Cremer S.
Organisational immunity in social insects.

2014 **Current Opinion in Insect Science** 5:iv-v (5y IF 6.2, 1 citation; doi)
Stroeymeyt N, Keller L.
Editorial. Social insects: The internal rules of ant societies.

2014 **Proceedings of the Royal Society B** 281:20133108 (5y IF 4.7, 30 citations; doi)
Stroeymeyt N, Jordan C, Mayer G, Hovsepian S, Giurfa M, Franks NR.
Seasonality in communication and collective decision-making in ants.

2013 **Animal Behaviour** 85(6): 1233-1244 (5y IF 2.4, 49 citations; doi)
Franks NR, Richardson TO, Stroeymeyt N, Kirby RW, Amos WMD, Hogan PM, Marshall JAR, Schlegel T.
Speed-cohesion trade-offs in collective decision making in ants and the concept of precision in animal behaviour

2011 **Journal of Experimental Biology** 214:3046-3054 (5y IF 2.9, 86 citations; doi)
Stroeymeyt N, Franks NR, Giurfa M.
Knowledgeable individuals lead collective decisions in ants.

2011 **Behavioral Ecology** 22: 535-542 (5y IF 2.4, 47 citations; doi)
Stroeymeyt N, Robinson EJH, Hogan P, Marshall JAR, Giurfa M, Franks NR.
Experience-dependent flexibility in collective decision-making by house-hunting ants.

2010 **Plos ONE** 5(9): e13059 (5y IF 3.3, 65 citations; doi)
Stroeymeyt N, Giurfa M, Franks NR.
Improving decision speed, accuracy and group cohesion through early information gathering in house-hunting ants.

2010 **Plos ONE** 5(8): e12377 (5y IF 3.3, 46 citations; doi)
Stroeymeyt N, Guerrieri FJ, van Zweden J, d'Ettorre P.
Rapid decision-making with side-specific perceptual discrimination in ants.

2007 **Behavioral Ecology and Sociobiology** 61:1449 (5y IF 2.4, 71 citations; doi)
Stroeymeyt N, Brunner E, Heinze J.
'Selfish worker policing' controls worker reproduction in a Temnothorax ant.

Teaching experience

Since 2019 **Senior Lecturer, University of Bristol**, UK, School of Biological Sciences
2nd year undergraduate lectures and practicals Quantitative and Computational Modelling (250 students); tutorials (6 students per group); one-to-one supervision of research projects and literature reviews (12 students per year)

March 2023 **Biorobotics MSc, University of Bristol, UK**
Guest lecture

9 May 2022 **Fellow of the HEA (FHEA)**, Advance HE (formerly the Higher Education Academy).
Fellowship reference: PR240992.

Nov 2020	**Year 4 Systems Biology unit, University of Cardiff, UK** Invited speaker for a pedagogic research symposium
Nov 2019	**Social Evolution PhD course, University of Copenhagen, Denmark** Invited teacher for a course on social networks and transmission processes in insect societies
Jan-Dec 2017	**Science communicator** for the 'Eprouvette' (outreach organ of the University of Lausanne), hosting research initiation activities for children and adults (70 hours in total)
Dec 2010-Dec 2017	**Assistant teacher in Biology, University of Lausanne, Switzerland** Practicals, Master's thesis grading, oral examinations, invigilation
Sep 2007-Aug 2010	**Assistant teacher ('monitorat') in Biology, University of Toulouse, France** c. 300h practicals and tutorial for Bachelor students
Sep 2005-June 2006	**Preparation to the Agrégation** in Biology, Geology and Astronomy, France. Intensive training for teaching in Higher Schools and Universities, involving the preparation of mock lectures in Biology, Geology and Astronomy (>50 hours)

Supervised students and post-docs

Post-docs	
Florent Masson	April 2022 - October 2023 Current status: Head of Museum Scenery and Pedagogy team, Micropolis, France
Daniel Schlaeppi	November 2020 – January 2025 Current status: Post-doctoral researcher, University of Bern
Thomas Richardson	Since May 2020
Enrico Gavagnin	March 2020-August 2022 Current status: Senior Data Scientist, Locatium.AI
PhD students	
Rachael Brown	Since September 2021
Luke Leckie	PhD defended on January 14th 2025. Graduation planned July 2025. Current status: Post-doctoral researcher, Indiana University, USA.
Adriano Wanderlingh	PhD defended on February 23d 2024. Graduated July 2024. Current status: Data Analyst, Sicily, Italy
MSc students	
Rebecca Kennard	Since September 2022
Andrea Coti	Master Thesis defended on Jan 30th 2019. Final grade: 5.1/6.0 Current status: submitted PhD in 2024 (Institute of Molecular Biology, Mainz)
Patrick Joye	Master Thesis defended on Jan 23d 2015. Final grade: 5.3/6.0 Current status: awarded PhD in 2021 (University of Lausanne)
Bahram Kheradmand	Master Thesis defended on Jan 29th 2014. Final grade: 5.7/6.0 Current status: awarded PhD in 2019 (University of California, San Diego, USA)
Matteo Negroni	Master Thesis defended on June 16th 2015. Passed with Honours Current status: post-doc in LeBoeuf lab, University of Fribourg, Switzerland

Institutional responsibilities

2023-	**Director**, 3d year undergraduate Practical Research Projects and Advanced Practical Skills **University of Bristol**, UK, School of Biological Sciences
2021-	**Selection panel** for 7 Lecturer/Senior Lecturer positions at the School of Biological Sciences in 2021 and 2025; 3 Lecturer/Senior Lecturer positions at the School of Psychological

Sciences; 2 Postdoctoral Fellowships ('Bristol Futures Fellowships') at the Faculty of Health and Life Sciences, University of Bristol

Jan 2020- **Field Course Coordinator**
University of Bristol, UK, School of Biological Sciences

Membership of editorial boards and scientific societies

since 2022 Member of the Ecology Advisory Board for Landmarks, Faculty Opinions (formerly known as Faculty of 1000)

since 2018 Member of the *Biology Letter* Editorial Board

since 2010 Member of the Association for the Study of Animal Behaviour (ASAB)

since 2007 Member of the French-speaking section and of the North-West European section of the IUSSI (International Union for the study of Social Insects)

2007-2012 Member of the Société Française pour l'Etude du Comportement Animal (SFECA) *(French Society for the Study of Animal Behaviour)*

Organisation of conferences and workshops

2023 Conference organiser, NW European IUSSI meeting, 80 participants

2021 Symposium organiser, ISEMPH 2021, 321 participants

2015 Conference organiser, XV. ESEB Meeting, Lausanne, Switzerland, 1400 participants

2015 Workshop organiser, 7ème Congrès HR, Lausanne, Switzerland, 200 participants

Peer recognition

INVITATIONS TO EXAMINE HIGHER DEGREES BY RESEARCH

Feb 2022 Emma Chereskin, **MSc by Research**. Supervisor: Stephanie King, University of Bristol. Jury: Nathalie Stroeymeyt (internal examiner); Luke Rendell (external examiner).

March 2021 Louis Pailler, **PhD**. Supervisor: Dr Christophe Lucas, University of Tours. Scientific expert on the mid-thesis examination board ("comité de thèse")

Dec 2020 Nathan Williams, **MSc by Research**. Supervisor: Dr Chris Clements, University of Bristol. Jury: Nathalie Stroeymeyt (internal examiner); David Roberts (external examiner).

Nov 2018 Raphael Ponthieu, **PhD**. Supervisors: Pascal Hersen & José Halloy, Université Paris Diderot. Jury: Jacques Gautrais & Andrea Perna (referees) ; Nathalie Stroeymeyt & Thibaud Monnin (examiners) ; Vincent Fourcassié (chair).

INVITATIONS TO REVIEW INTERNATIONAL GRANT PROPOSALS

2025 Deutsche Forschungsgemeinschaft (DFG) German Research Foundation
2025 National Science Center, Poland
2025 European Council, ERC Advanced Grant
2024 Branco Weiss Fellowship
2023 Bois Chamblard Foundation
2022 Human Frontier Science Program (HSFP)
2019 Human Frontier Science Program (HSFP)

JOURNAL EDITION AND REVIEWING

2014 Edition of a series of scientific reviews for Current Opinion in Insect Science (Volume 5)

since 2007 Reviewer for 19 international peer-reviewed journals, including *PNAS*, *Current Biology*, *eLife*, *PLOS Biology*, *Proceedings of the Royal Society B* and *Science Advances*

INTERNATIONAL COLLABORATIONS

Ongoing or past external collaborations with researchers in Austria (Prof. Sylvia Cremer), Italy (Prof. Andrea Perna), France (Dr Jonathan Romiguier), Germany (Dr Yuko Ulrich), Switzerland (Prof Bruno Lemaître) and the USA (Prof. Simon Garnier).

Invited presentations and presentations at international conferences

Keynote/Plenary speaker at major conferences

03.09.2024 Conference on Complex Systems 2024, Satellite Complexity Research in Animal Behaviour
Stroeymeyt. 'Social insects as complex systems: collective behaviour and social organisation in insect societies'
Invited by Dr Matthew Silk, Prof Iacopo Iacopini and Dr Josefine Bohr Brask

31.03.2023 Royal Entomological Society Student Forum 2023
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant Lasius niger'

04.11.2021 VII. IUSSI European Meeting, online
Stroeymeyt. 'The transmission of fungal pathogens over ant social networks'
Invited by Dr. Amelie Cabirol and Prof. Philipp Engel (University of Lausanne, Switzerland)

03.10.2019 CENTURI 2019 Scientific meeting Self-organization in multicellular systems, Cargèse, France
Stroeymeyt. 'Spatial and social organisation in social insects'
Invited by Dr. Marc Bajenoff, Dr. Jérôme Epsztein, Dr. Thomas Lecuit and Dr. Pierre-François Lenne (CNRS researchers, University of Marseille, France)

22.03.2019 Conference of the Central European Section of the IUSSI, IST Austria
Stroeymeyt. 'Social network plasticity decreases disease transmission in ants'
Invited by Prof. Sylvia Cremer (full Professor, IST Austria)

09.12.2015 10th Göttinger Freilandtage, German Primate Centre, Göttingen, Germany
Stroeymeyt, Giurfa, Franks. 'Exploiting prior information in ant collective decision-making'
Invited by Prof. Peter Kappeler (full Professor, German Primate Center, Göttingen, Germany)

Invited lecturer at international courses

06.11.2019 **PhD Course: Social Evolution**, University of Copenhagen, Denmark
Stroeymeyt. Lecture title: 'Social Organisation in Insect Societies'
Course organised by Dr Nick Bos, Dr Christopher Pull and Prof. Michael Poulsen.

Invited speaker at departmental seminars

05.03.2025 **Centre for Research in Animal Behaviour seminar series**, University of Exeter, UK
Stroeymeyt. 'Organisational immunity in social insects: the role of socio-spatial structure in mitigating epidemic risk'
Hosted by Dr Sam Ellis (Lecturer)

23.05.2024 **Ecology and Conservation seminar series**, Centre for Ecology and Conservation, University of Exeter, Penryn campus, UK
Stroeymeyt. 'Organisational immunity in social insects'
Hosted by Dr Mark Hanson (Research Fellow) and Prof Ben Longdon (Associate Professor)

19.05.2023 **Collective Dynamics mini-symposium: engineering meets biological sciences**, University of Bristol, UK
Stroeymeyt. 'Two simple movement mechanisms for spatial division of labour in social insects'
Hosted by Dr Nikolai Bode (Lecturer)

23.11.2022 **Department Seminar Series**, Department of Biological Sciences, Royal Holloway University of London, UK
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger*'
Hosted by Prof Mark Brown (full Professor)

30.05.2022 **Collective behaviour mini-symposium**, School of Life and Health Sciences, University of Roehampton, UK
Stroeymeyt. 'Movement rules underlying spatial compartmentation in social insects'
Hosted by Dr Andrea Perna (senior Lecturer)

25.03.2022 **Young Investigator Seminar Series**, Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*
Hosted by Dr Nikolas Karalis (Research Fellow)

03.03.2021 **EEB Seminar**, University of California, USA
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*
Hosted by Prof. Noa Pinter-Wollman (Associate Professor)

26.11.2020 **iEES Seminar**, University Pierre et Marie Curie, Paris, France
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*
Hosted by Dr. Florence Débarre (CNRS Researcher)

17.11.2020 **Club EvMed Conversation**, Duke University, USA
Cremer S, Stroeymeyt N, Pull C. 'Social immunity'
Hosted by Prof Charles Nunn (full Professor)

06.02.2020 **Ecology and Evolution Seminars**, Department of Biology, University of York, UK
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*
Hosted by Dr. Elva Robinson (Senior Lecturer)

03.12.2019 **GHI Internal Floor Seminar**, Global Health Institute, EPFL, Lausanne, Switzerland
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*
Hosted by Prof. Bruno Lemaître (full professor, Head of Department)

14.11.2019 **CNCB seminar**, Centre for Networks and Collective Behaviour, University of Bath, UK
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*
Hosted by Prof. Tim Rogers (full Professor)

07.10.2019 **Bristol Research Seminar**, School of Biological Sciences, University of Bristol, UK
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*
Hosted by Dr Martin How (Royal Society University Research Fellow)

25.06.2019 **External seminar**, Centre de Recherche Apicole, Agroscope, Bern, Switzerland
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*
Hosted by Dr Vincent Dietemann (Senior Research Scientist, Agroscope)

17.06.2019 **Know thy neighbour seminar**, Dpt of Physiology, University of Lausanne, Switzerland
Stroeymeyt. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*
Hosted by Prof. Christian Widmann (Associate Professor, University of Lausanne)

11.04.2019 **BEEES seminar**, University of Zürich, Switzerland
Stroeymeyt. 'Social network plasticity decreases disease transmission in ants*'*
Hosted by Prof. Dr. Barbara König (full Professor, University of Zürich)

29.04.2016 **BEEPSS seminar**, Institut Pluridisciplinaire Hubert Curien, Strasbourg, France
Stroeymeyt, Cremer, Keller. 'Social interaction networks as defence against pathogens in ants'
Hosted by Dr. Cédric Sueur (associate Professor, University of Strasbourg)

13.03.2015 **Evolution Lunch Seminar Series**, IST Austria, Austria
Stroeymeyt, Cremer, Keller. 'Age-based division of labour and spreading processes in ants'
Hosted by Prof. Sylvia Cremer (full Professor, IST Austria)

30.10.2014 **External seminar**, Institut de Biologie, University of Neuchâtel, Switzerland
Stroeymeyt, Cremer, Keller. 'Social interactions and disease spread in ants'
Hosted by Prof. Rédouan Bshary (full Professor, University of Neuchâtel)

30.05.2012 **External seminar**, University of Kagawa, Takamatsu, Japan
Stroeymeyt, Giurfa, Franks. 'Prior experience and nest site selection in house-hunting ants'
Hosted by Prof. Fuminori Ito (full Professor, University of Kagawa)

24.03.2011 **External seminar**, Institut für Zoologie, University of Regensburg, Germany
Stroeymeyt, Giurfa, Franks. 'Prior experience and nest site selection in house-hunting ants'
Hosted by Prof. Jürgen Heinze (full Professor, University of Regensburg)

Speaker at international conferences

2024 **VIII. IUSSI European Meeting**, Lausanne, Switzerland
Stroeymeyt, Leckie, Andon, Bruce. 'Architectural immunity: ants modify their nest geometry to prevent epidemics*'*

2022 **XIX. IUSSI International Congress**, San Diego, USA
Stroeymeyt, Richardson, Crespi, Keller. 'Two simple movement rules for spatial division of labour in social insects*'*

2018 **XVIII. IUSSI International Congress**, Guarujá, Brazil
Stroeymeyt, Cremer, Keller. 'Social network plasticity decreases disease transmission in the ant *Lasius niger'*

2016 **VI. IUSSI European Meeting**, Helsinki, Finland
Stroeymeyt, Cremer, Keller. 'Organisational immunity in ants'

2013 **XXXIII. International Ethological Conference**, Newcastle, UK
Stroeymeyt, Keller. 'Social homeostasis following fission and fusion in ant colonies'

2012 **V. IUSSI European Meeting**, Montecatini Terme, Italy
Stroeymeyt, Heinze, Keller. 'Colony fusion and reproductive conflicts in *Temnothorax* ants'

2010 **XVI. IUSSI International Congress**, Copenhagen, Denmark
Stroeymeyt, Giurfa, Franks. 'Prior experience and nest site selection in house-hunting ants'

2009 **IUSSI North-West European Annual Meeting**, University of Sussex, UK
Stroeymeyt, Giurfa, Franks. 'Private vs. public information in emigrating ants'

2009 **XXXI. International Ethological Conference**, Rennes, France (**second prize for best talk**)
Stroeymeyt, Giurfa, Franks. 'Memory and reconnaissance in house-hunting ants'

2008 **IUSSI North-West European Annual Meeting**, London, UK
Stroeymeyt, Giurfa, Franks. 'Latent learning and colony performance in emigrating ants'

2008 **IV. IUSSI European Meeting, La Roche-en-Ardenne**, Belgium
Stroeymeyt *et al.* 'Side-specificity in the perception of ant recognition cues'

2008 **IV. Ecology and Behaviour meeting**, Toulouse, France
Stroeymeyt *et al.* 'Physical environment and nestmate recognition in ants'

2006 **XV. IUSSI International Congress**, Washington DC, US
Stroeymeyt, Brünner, Heinze. 'Selfish worker policing controls reproduction in ants'

Posters at international conferences

2014 **XVII. IUSSI International Congress**, Cairns, Australia
Stroeymeyt, Cremer, Keller. 'Interaction networks and pathogen-induced behavioural defences in ants'

2007 **French-speaking IUSSI section meeting**, Toulouse, France (**first prize for best poster**)
Stroeymeyt, Guerrieri, van Zweden, d'Ettorre. 'Physical environment and nestmate recognition in ants'

Outreach

March 2025 Biological Sciences talks, Bristol Free School

March 2025 Filming video for the Animal Behaviour and Sensory Biology Research Theme, School of Biological Sciences, University of Bristol

April 2024 Public speaking for Cercle Français de Bristol, 'La vie des fourmis'

October 2022 Public speaking for Alliance Française de Bristol, 'Les fourmis déménagent'

June 2022 Organisation of an ant stand for Insect Week, University of Bristol

March 2022 Public speaking for Alliance Française de Bristol, 'La vie des fourmis'

April 2021	Interview with Thomas Lundy for Canadian Geographic online article
April 2021	Interview with Jes Burns for OPB online article
April 2021	Invited speaker at the 'SciArt Soiree Online' of the Cambridge Festival
March 2021	Interview with Dr Matthew Morgan (University of Cardiff) for upcoming book ''How Kissing a Frog Can Save Your Life'.
March 2021	Press Release for BBC2 Animal Einsteins on University Website
March 2021	Press Release for BBC2 Animal Einsteins on the Evening Standard
March 2021	Radio Interview for Quirks & Quarks, a Canadian science news program airing on CBC Radio One (with Bob McDonald and Sonya Buyting)
March 2021	Interview with Thomas Trudel-James (Canada – upcoming blog post)
March 2021	Guest on episode 4 of television programme 'Chris Packham's Animal Einsteins' on BBC 2
Nov 2020	Radio interview for the programme 'NatureBang', on BBC Radio 4
Sep 2020	Interview for SWR Wissen Magazine on ant disease defences
Aug 2020	Television Interview for the programme 'Born To Be Wild' on GMA Network Philippines
July 2020	Interview for Discover Magazine on disease defences in ants
July 2020	Interview for Undark Magazine on ant epidemics
Jan 2019	Interview for a podcast by the Scientific American on behavioural disease defences in ants
Nov 2018	Television interview for RTS Info, a news programme on Swiss RTS television channel
Nov 2018	Radio interview for the programme 'Wissenschaftsmagazin', on Swiss SRF radio channel
Aug 2017	Scientific consultant for the temporary exhibition 'Archéonimaux' at the Archéolab, Pully
July 2017	Radio interview for the programme 'Chouette', live on Swiss RTS radio channel
2016-2017	Creation of an interactive activity ('Biologiste in Vivo') and an educational video for the exhibition *Parasites!* at the Zoology museum in Lausanne
Nov 2016	Public conference on ants at the Société Vaudoise des Sciences Naturelles
Sep 2016	Radio interview for the programme CQFD, live on Swiss RTS radio channel
Aug 2016	Conference on ants for the association 'TCS Senior Suisse, Section Vaud'
April 2016	Radio interview as an expert on collective intelligence in animals for the programme CQFD, on Swiss SRF radio channel
2014-2018	Yearly lesson on ants for Animal Keeper students at the University of Lausanne
2011-2016	Yearly organisation and participation to the University of Lausanne open days (*Les Mystères de l'UNIL)*
2012-2015	Voluntary instructor at Pro Natura Vaud (monthly nature outings for children aged 6 to 12)
Sep 2015	Organisation of a workshop on cooperation and conflict in ants for the 7th Congrès HR Sections Romandes, Lausanne, Switzerland (200 participants)
June 2015	Scientific consultant for a temporary exhibition on ants at the Vivarium, Lausanne
May 2015	Conference on ants and organisation of a laboratory visit for a Rotary group (visit coordinated by Prof. Jacques Lanarès, then vice rector of the University of Lausanne)
Oct 2014	Television interview for the programme Einstein on Swiss television channel SRF
June 2009	Organisation and participation to an activity on ants for the Festival of Nature in Bristol, UK